



**PATENT**  
Atty. Docket No. MIT-103  
(5473/111)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANTS:** Kawasaki et al.

**SERIAL NUMBER:** 09/422,999

**GROUP NUMBER:** 1643

**FILING DATE:** 10/22/99

**EXAMINER:** Not yet assigned

**TITLE:** GENES INTEGRATING SIGNAL TRANSDUCTION  
PATHWAYS

*PRE AMENDMENT  
AJ  
F#12  
3-27-01*

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

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*Wendy Martin*  
Wendy Martin

BOX NON-FEE AMENDMENT  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

The above-identified application was filed on October 22, 1999, and no Office Action has been issued since. Before examining this application, kindly enter the following amendments.